

Next GARS meeting is
July 12, 2011
at EAA 690 Hangar at Briscoe Field
Lawrenceville, GA

The **GARzette**

The official newsletter of the Gwinnett Amateur Radio Society
July 2011 <http://www.gars.org/> Volume 20, Issue 7



A note from the President



When I agreed to take the gavel and lead this fine club for a time, I had no idea of the places it would take me. I never could have imagined being the President of GARS would give me the honor of meeting Governor Nathan Deal in his office. And what a picture the staff photographer took during the event (above). I think of these folks as some of the movers and shakers of the ham radio community in and around Metro Atlanta. Pictured from left to right we have Karen Prescott KJ4VQI, me, John Davis WB4QDX, Governor Deal, John Tramontanis N4TOL, Bert Bruner KE4FOV, Steven Garrison N4SEG, and Jim Reed N4BFR.

(Continued on page 2)

(Continued from page 1)

Fantastic company to be sure, the group was comprised of four presidents, an Emergency Coordinator, and two highly motivating amateur radio ambassadors. It was a great honor and Governor Deal proclaiming it as Amateur Radio week was icing on the cake. After Bert received the proclamation, Governor Deal made a statement to the effect that the government really appreciates amateur radio, especially for what we do during disasters. It is really nice to be recognized at the state level and Karen Prescott KJ4VQI deserves the credit for making this event happen. Thanks Karen!



"Steve Garrison N4SEG gives Kyle Albritton W4KDA advice in the rotunda at the the state capitol building."

We lost our meeting place at NAMAR. It is a disappointment, but these things happen. NAMAR is what I would describe as a commercial entity and their interests simply must come before outside groups like GARS. Unfortunately, they were not willing to give us a "second chance" to correct the issue. Although I do not think this reflects favorably upon their management, the truth is it is their place that they worked very hard for, and we were simply guests. We will just say thank you politely and move on as we all ways have.

While disappointed about losing NAMAR, we should be equally elated to be moving to the EAA chapter 690 building. [Ed note: See maps - page 4-5] The EAA (Experimental Aircraft Association) is a wonderful organization dedicated to "The Spirit of Aviation." They host many events. Some of the larger events you may be aware of are the hosting of the B17 Aluminum Overcast, and the Ford Tri-motor coming to Lawrenceville. As I understand from word of mouth (my apologies in advance if this fact is incorrect), the local chapter has about 30 hams in it. I have a deep love and fair knowledge of aircraft and I believe that the majority of hams do as well. Folks who restore, repair, and build aircraft are just the kind of innate tinkerers and experimenters that also form what I would call the backbone of the amateur radio community. The EAA has a strong sense of community and does education and outreach programs too. In my eyes we are very like-minded groups. I think we will be a great compliment to each other.

We had a great antenna build in June. We had fifteen attendees and I think we built ten antennas. [Ed. Note; See pictures on Page 7] Afterward we had a couple of fox hunts and right off the bat folks got to use the antennas they built and start an *all new* learning process. Dale Burns KI4MZO said it was a lot harder than he thought it would be and everyone was really challenged by the 1W fox. It has so much power it tends to overwhelm your radio as you get close and proves difficult to get directional-ity. This may seem like an unfair test, but if you are hunting a fox, this is something you will have to deal with as you get close. It was a fun time and I am glad GARS hosted it. Thanks to Joel and Ralph for organizing this event and thanks to Lowes of Suwanee for giving us a location to do it and for loaning us some tools.

That brings me to Field Day. [Ed. Note: See pictures - page 6] What can I say other than it was fantastic, awesome, excellent, fun, and great? Ten thousand thanks goes out to David Adcock KA4KKF for

(Continued on page 3)

(Continued from page 2)

organizing this event for GARS again. He does a fabulous job with Field Day and we owe our success in large part to him. I think it is outstanding how fast we get things organized, up, and functioning. All eight stations were buzzing this year with the bands being open for almost all of the event. We had a large group of operators that kept all stations solidly on the air for all twenty four hours. Last year at midnight I counted 22 people on site. This year, we had Earl's ice cream at midnight and we had 24 operators there for that. Funny story on that, Earl had stored the ice cream in dry ice. At midnight, when it was time to serve it, the ice cream was solid. I mean, it was so hard I think you could have smashed diamonds with those blocks of ice cream. Eventually, the ice cream surrendered to our ham-genuity and was served, but it sure was funny at the time. Of course then, mature men, adults, began to "experiment" with the remaining dry ice. If it sounded like I rolled my eyes just then, it is because I did, but I will also admit to watching the dry ice fun with childish enjoyment. These are the kinds of stories that I think make Field Day what it is. If my bleary memory serves me correctly, we left the site, cleaner than we found it, eight stations, generators, antennas, and all at 2:38PM. That is impressive when you consider the size of our event. Great job all, I loved it. I think everyone who came did.

June was a blast, but I am also happy we have less scheduled for July. I think we all need a month off. August is just around the corner and providing logistics for the dog show is what helps us pay for events like Field Day, our repeaters, and other fun and educational events. Please keep the dog show on your calendar to help support the club.

Wishing you good health, good wealth, and good hamming,

Kyle W4KDA





BY THE GOVERNOR OF THE STATE OF GEORGIA

A PROCLAMATION AMATEUR RADIO APPRECIATION WEEK

WHEREAS: The Atlanta Radio Club was formed 100 years ago on March 25, 1911 to support the emerging hobby of amateur radio in Atlanta and throughout the State of Georgia; and

WHEREAS: Throughout the decades, Atlanta's amateur radio operators have donated countless hours of community services; demonstrating their value during times of disasters, aiding with radio communications for public events, emergency communication, and serving as weather spotters in the U.S. Weather Bureau's Skywarn program. Recently, the Atlanta Radio Club donated a digital radio to the National Weather Service (NWS) and has facilitated the linking of weather spotters with the NWS during times of severe weather, thereby providing a vital communications pathway to north Georgia; and

WHEREAS: The Atlanta amateur radio community has provided communications to many emergency response organizations including the American Red Cross and county agencies during the aftermath of ice storms, tornadoes, and other tragedies in the state; and

WHEREAS: The amateur radio clubs throughout Georgia and America will hold Field Day on June 25–26, 2011 where enthusiasts will participate in on-air demonstrations, digital communications, emergency preparedness, and other activities to raise public awareness of amateur radio; now

THEREFORE: I, NATHAN DEAL, Governor of the State of Georgia, do hereby proclaim June 19–25, 2011, as AMATEUR RADIO APPRECIATION WEEK in Georgia.

In witness thereof, I have hereunto set my hand and caused the Seal of the Executive Department to be affixed this 17th day of June in the year of our Lord two thousand eleven.



Nathan Deal

GOVERNOR

ATTEST

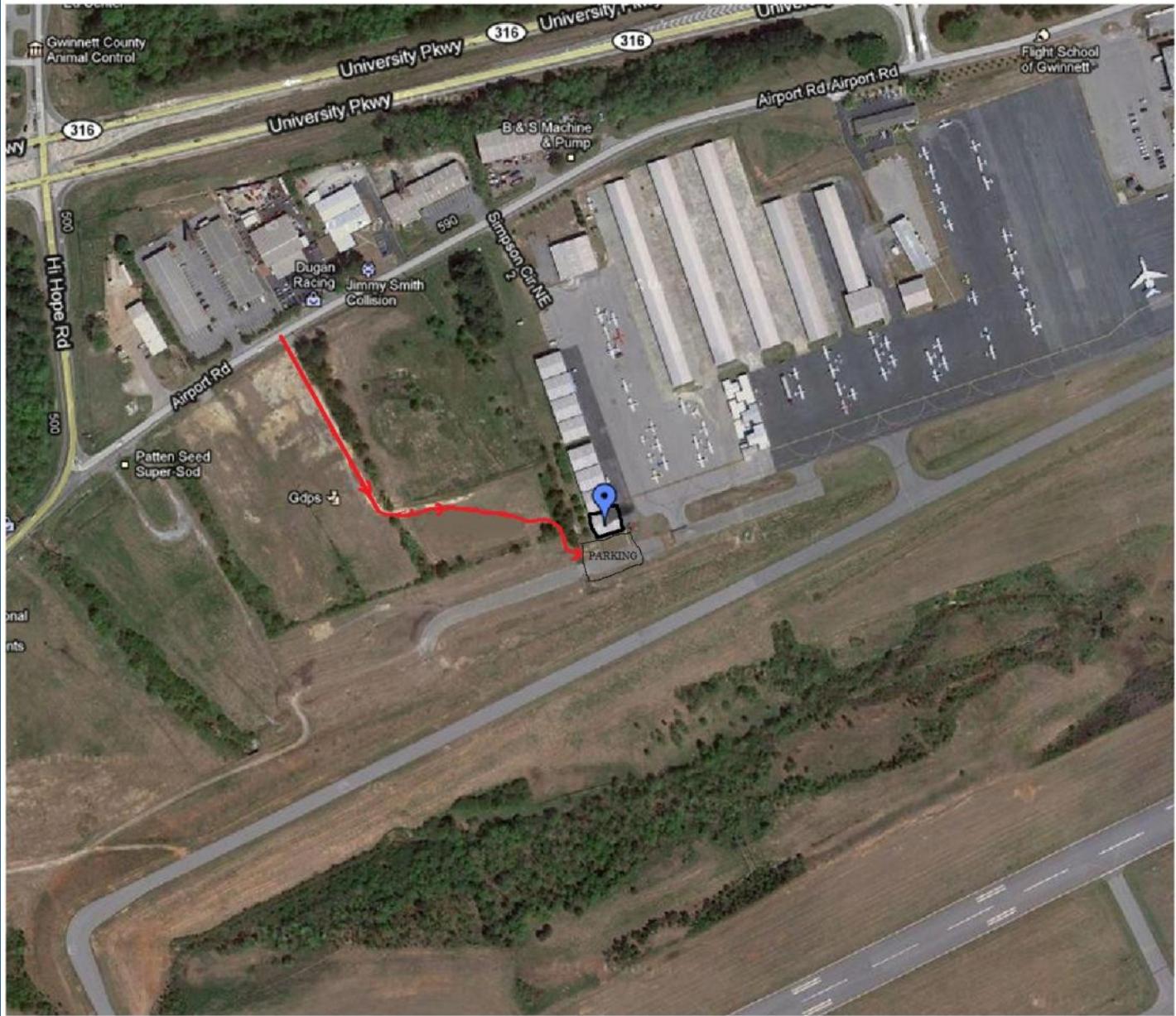
C. R. R.

CHIEF OF STAFF

GARS

Meeting Location

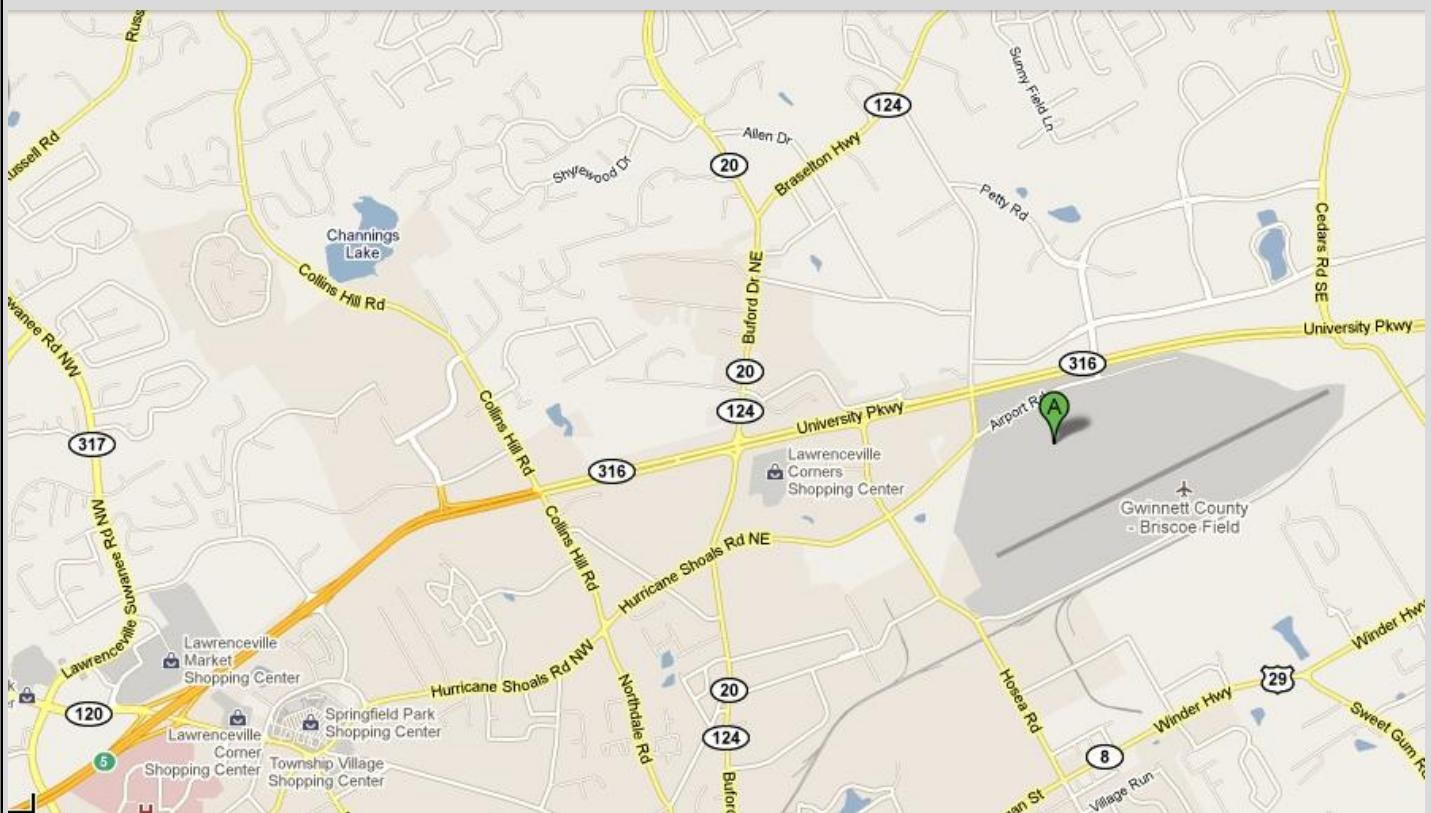
EAA 690 Hangar at Briscoe Field
Sports Aviation Complex
Hangar 1, 690 Airport Road
Lawrenceville, GA 30045
(Satellite View)



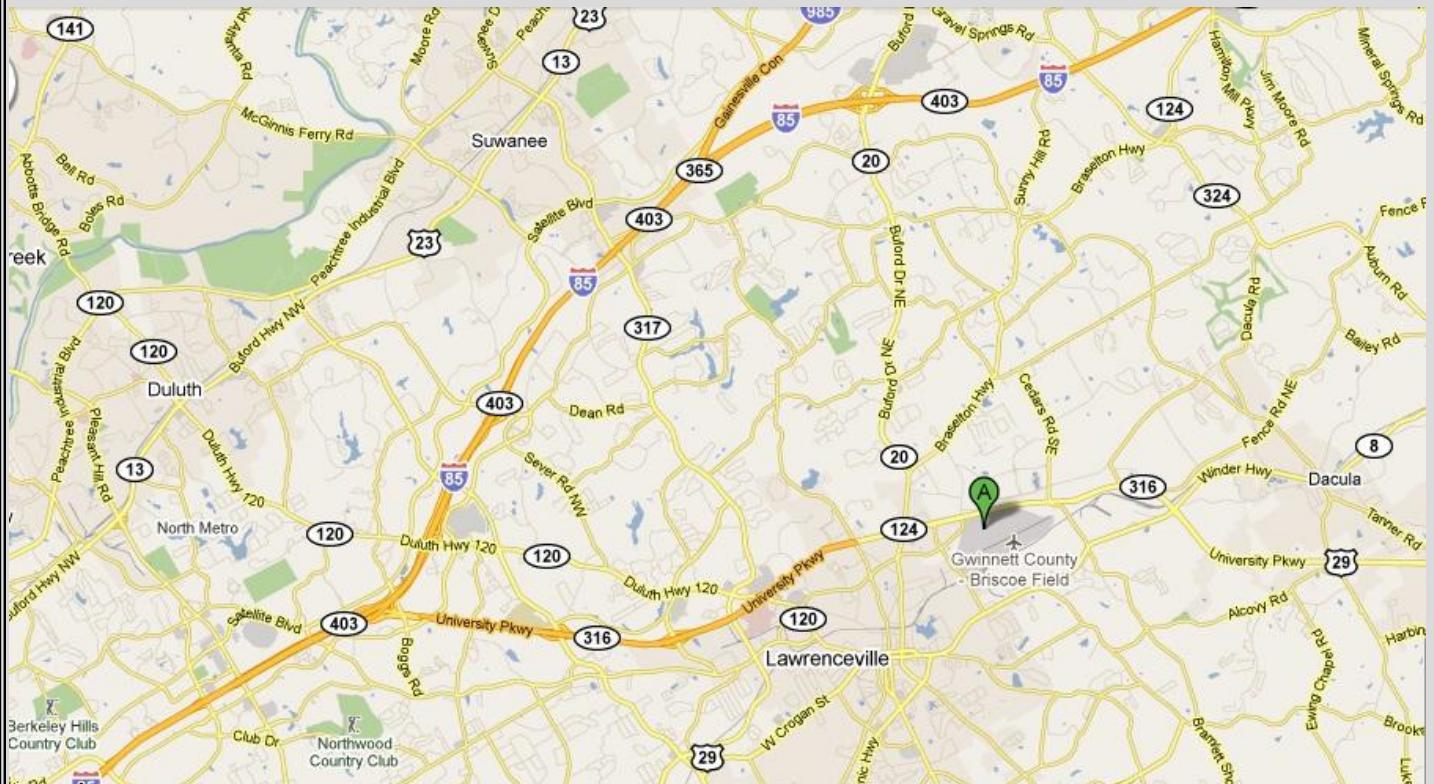
<http://tinyurl.com/452m4q2>

The parking is in the field just west of the hangar building and we enter through the “back door.” We do this because we will not have tarmac access to the front of the hangar. Let's please leave the spots closest to the door for our members who cannot walk very far. (See MAP view on next page)

Map View of New GARS Meeting Location



“A” marks the spot



See you there!

Field Day 2011



Antenna Build & Fox Hunt



Device Tests PowerPole Outlets

By KB6NU
Daniel M Romanchik

I just found a link to this unique little device and had to blog about it right away. The [PowerPole Polarity and Voltage Tester](#) is similar to one of those little devices that you plug into an AC outlet that tells you if the outlet is wired correctly. Except that you plug this device into an unknown [PowerPole](#) outlet.



What surprised me is that this little device actually uses a micro-controller to measure the voltage. I guess that I really shouldn't be surprised, though. Microcontrollers come in very small packages now, and programming them is very simple to do.

Because microcontroller are programmable, you could extend the functionality of this device. For example, you could add a small alpha-numeric display or more LEDs to indicate different voltage ranges.

While the circuit is very simple, and is easily fabricated on some perfboard, the author of this [Instructables](#) project, has indicated that he intends to make a PC board and kit available. I've e-mailed him about this, and will report on what he has to say about price and availability.

Another thought that occurs to me is that I could make one of these with [the Arduino](#) that's been languishing beneath my workbench for the last year or so. Basically, I'd just take the front end circuitry from this project and connect it up to my Arduino. I'd have to do some programming, but I think I can handle that. :)

Published with the permission of KB6NU

The GARzette

The *GARzette* is the official monthly newsletter of the Gwinnett Amateur Radio Society, serving its members and other persons interested in the advancement of the amateur radio art.

Original articles, art, and photos are invited and encouraged. Previously copyrighted submissions cannot be accepted for reprinting unless permission from the appropriate publisher is provided in writing along with the information being submitted. If reprints are from publications allowing their unrestricted use, please include a copy of the printed permission contained in the publication.

If possible bring your articles to the monthly meeting in Microsoft Word or rich text (.rtf) or text or HTML format or by email to n4gyn@arrl.net. Artwork can be accepted in most any graphics format and can be submitted via email to the same address. Alternate means of submittal can be arranged when necessary.

In keeping with the amateur radio spirit, permission is hereby granted for the reproduction of *The GARzette* articles by other amateur radio club newsletters provided that proper credit is given to the individual author and *The GARzette*.

The GARzette is published each month with the assistance of Norm Schklar, who prints and distributes the news letter. Deadline for submissions is the 20th of each month for inclusion in the following month's issue.

Meetings are held on the 2nd Tuesday of each month at 7PM.

For additional information view our Website at: <http://www.gars.org>

Newsletter Editor: Ray Bailey—N4GYN
770-689-6620 or n4gyn@arrl.net

GARS Email Group

<http://groups.yahoo.com/group/GARS/>

Join the GARS Yahoo Group if you are not already a member. To do so, go to the GARS Yahoo Group web site (<http://groups.yahoo.com/group/GARS/>) and then click on the Join This Group! link on the main page.

If you have joined the group, you can Post a message by sending an email to GARS@yahoogroups.com

The Yahoo Group is for GARS friends and members to share information, ask questions, and make announcements.

This is your group and each member is welcome to post questions or comments relating to amateur radio. Use it! With all the new hams in the area, this is great place to ask for help. There's someone out there reading the emails that can help.

To Learn & Have Fun



- 147.075+ 82.5
- Meetings 2nd Tuesday Jan-Nov
- Multiple nets every week
- Gigantic Field Day
- Large, Active, Diverse Club
- Family Oriented

www.gars.org



Hands-Only™ CPR

1 Call 911

2 Push hard and fast in the center of the chest.

Learn more at handsonlycpr.org

American Heart Association 
Learn and Live

Points of Interest

60TH ANNIVERSARY OF THE NOVICE LICENSE

The FCC began issuing Novice licenses on July 1, 1951. Go to www.novicehistory.org for an interesting history of the rise and fall of the Novice ticket. You can even add your stories, photos, etc.

555 FOOTSTOOL

While the 555 IC is hardly the footstool of the IC world, you can use [these plans](#) to make a footstool that looks like one.



JOIN ARRL
- OR -
**RENEW YOUR ARRL
MEMBERSHIP
THROUGH GARS**

Help the GARS Treasury by applying for ARRL membership or renewing your ARRL membership through GARS. By applying for ARRL membership through GARS we are able to keep \$15.00 of the normal membership fee for our Treasury. We can keep \$2.00 from each renewal.

Show your support for both organizations by applying through GARS.

Ralph Pickwick – KJ4CNC, GARS Treasurer, will have the ARRL applications at the monthly meetings for your use. We only ask that you don't wait till the last minute to renew, as we will only be sending the applications to ARRL on a monthly basis. We will only be accepting personal checks with the applications (no PayPal).

If you have any questions concerning this process, please contact Ralph at KJ4CNC@arrl.net.



UPCOMING HAMFEST CALENDAR

07/30/2011 | [Newton County Hamfest](#)

Location: Covington, GA

Type: ARRL Hamfest

Sponsor: Newton County Radio Club

Website: <http://www.ncrcga.org>



**08/20/2011 | [Alabama State Convention
\(Huntsville Hamfest\)](#)**

Location: Huntsville, AL

Type: ARRL Convention

Sponsor: Huntsville Amateur Radio Club

Website: <http://www.hamfest.org>

September ? NC Hamfest...?

10/08/2011 | [LaGrange Hamfest](#)

Location: LaGrange, GA

Type: ARRL Hamfest

Sponsor: LaGrange Amateur Radio Club

Website: <http://www.lagrangeradioclub.org>

**10/15/2011 | [Al Brock Memorial Hamfest/
Tailgate](#)**

Location: Rome, GA

Type: ARRL Hamfest

Sponsor: Northwest Georgia Amateur Radio Club

Website: <http://w4vo.org>

**11/5-6/2011 | [Stone Mountain Hamfest and
Computer Expo](#)**

Location: Lawrenceville, GA

Type: Local

Sponsor: Alford Memorial Radio Club

Website: <http://stonemountainhamfest.com/>



www.shutterstock.com - 23911

BSA Venture Crew 73 Wants You

If you are between 14 and 21 years old, enjoy outdoor activities, and have an interest in radio technology, Venture Crew 73 is for you.

- Venture Crews are part of the Boy Scouts of America.
- Venture crew 73 is chartered by the Gwinnett Amateur Radio Society.
- Venture crew 73 is coed.
- Meetings are on the second Tuesday of the month, 7:00 p.m., at EAA 690 Hangar at:
Briscoe Field - Sports Aviation Complex
Hangar 1, 690 Airport Road
Lawrenceville, GA 30045
- Crew 73 is a youth-run organization, which means that our Crew President and other youth plan the Crew's outings and activities each month.

We enjoy:

- o Camping
- o Hiking
- o Horseback Riding
- o Shooting Sports

- Crew activities usually mix high adventure and the use of Amateur Radio.
- For more information, attend our next meeting or contact:

Steve Back, WB2OGY
Venture Crew 73 Committee Chairman

Phone: 770-712-9069

Email: committeechair@venturecrew73.org

Jeff Lee, AF4JL
Venture Crew 73 Advisor

Phone: 678-475-3165

Email: advisor@venturecrew73.org



GARS Officers and Committee Chairs

Kyle Albritton, W4KDA
President

Earl Whatley, AF4FG
Vice President

Hal Collier, W4IGE
Secretary

Ralph Pickwick, KJ4CNC
Treasurer, Apparel Manager

Sandy Jackson, KJ4DRO
Program Manager

Dave Bruse, W4DTR
Membership Chairman, VE Team

David Adcock, KA4KKF
Webmaster, Field Day Chairman

Dorothy Jubon, N2DLJ
Public Information Officer

Norm Sckhlar, WA4ZXV
TechFest Chairman

Ray Bailey, N4GYN
GARzette Editor

Bill Cherepy, WB4WTN
W4GR Trustee

Eddie Foust, WD4JEM
Repeater Chairman

Mike Weathers, ND4V
WAS-Checker

Scott Brown, KD4YDD
Net Manager

Mike Swiderski, K4HBI
Technical Advisor

GARS Communications

2 Meter Repeater	2 Meter Repeater
147.075(+) MHz	147.255(+) MHz
82.5 PL Tone	107.2 PL Tone

APRS	6 Meter Repeater
144.390 -- 1200 Baud	53.110 (-1 MHz)
W4GR	82.5 PL Tone

D-Star	70 Cm Repeater
WD4STR	444.525(+) MHz
145.060 + (1.4 MHz)	82.5 PL Tone
440.550 + (5 MHz)	

Main Repeater Site	Backup Repeater Site
Oak Street, Lawrenceville	Lanier Mountain, Snellville



The following members are celebrating birthdays in July:

HAPPY BIRTHDAY!!
From All of Us at GARS

Birthdays This Month		
First	Last	Callsign
Brian	Jones	KD4UYP
Mary Ann	Flack	KE4AXE
Charlotte	Matchette	KE4OSR
Dwight	Bronnum	KE4OWF
Lisa	Milby	KI4VDN
Lowry	Rouse Jr	KM4Z
Sid	Weaver	N4NQ
Richard	Barnes	W4IXN
Paul	Kelley	W4KLY
Bill	Cherepy	WB4WTN

GARS Recurring Calendar

- Monthly club meeting is the 2nd Tuesday of the month at 7 p.m. Check the website <http://www.gars.org> for location.
- Every Monday at 8 p.m.: GARS Want, Swap, Sell, and Information Net on the GARS 2-meter repeater.
- Every Wednesday at 9 p.m.: GARS 6-meter net on the GARS 6-meter repeater.
- Every Saturday at 7:30 a.m.: GARS Weekly Family Breakfast, Golden Corral Restaurant, Riverside Drive, Lawrenceville.

Meeting Minutes
GARS General Meeting June 14, 2011

Kyle Albritton, W4KDA, President, called the meeting to order at 7:01p at the NAMAR building.

Introductions of first time visitors and others present.

- A. Membership – Dave Bruse, W4DTR, reported the following:
 - 1.Kirk Reeves, KK4CDC, voted in as new member.
 - 2.GARS has 181 active members
- B. Treasurer's Report – Ralph Pickwick, KJ4CNC
- C. Sandy Jackson, KJ4DRO, announced the programs for the upcoming months:
 - 1.July program: Ray Bailey, N4GYN, "Hamming in Hawaii."
 - 2.August program: Home-brew Show and Tell
- D. Scott Hartlage gave a brief presentation on the S.E.Repeater Assoc.
- E. Kyle Albritton led a moment of silence for Dick Sandberg (SK).
- F. Kyle Albritton led a brief discussion on leaving equipment if you pass away. Things to consider, making your wishes known in advance to surviving family, 501C3 donations and trusts.
- G. Dave Bruse gave a brief presentation on the W5YI VE program and presented patches to all the GARS members who are W5YI VE's.
- H. Kyle Albritton thanked all the GARS members that helped out or volunteered at the ARC Hamfest.
- I. Earl Whatley thanked all the GARS members that helped with the Dacula Memorial Day parade.
- J. During the Treasurer's Report, Ralph Pickwick mentioned that the Dacula Memorial Day Parade Assoc. donated \$200.00 to our club as a result of our effort.

Ralph Pickwick, KJ4CNC, Treasurer

for

Hal Collier W4IGE, Secretary



Oooooo...! It's Monday night at 8 PM! Time for the Net!



What's new on the WEB SITE?

- ◆ You should notice a change to the user menu. It will change when you log in to give you more options.
- ◆ The Apparel link now features PAYPAL to order your GARS Apparel, as well as downloading an order form.
- ◆ Are you using the web site to renew your membership? You can use PayPal to renew only your GARS membership or become a new member.
- ◆ The ARRL renewal must be done in person with the Treasurer.
- ◆ Do you get the GARZETTE from the web site? It's in the File Download menu selection in the Newsletter Folder.

73, *David* KA4KKF

JULY CALENDAR OF EVENTS

Gwinnett Amateur Radio Society

Sun	Mon	Tue	Wed	Thu	Fri	Sat
	26	27		28	29	
Field Day	8pm GARS 2m Net 9pm ARES 2m NET			9pm GARS ROUND TABLE N		2
3	Independence Day!	4	5	6	7	7:30am Breakfast at Golden
	8pm GARS 2m Net 9pm ARES 2m NET	6:30pm GARS Exec Meeting	9pm GARS ROUND TABLE N			8
10	11	12	13	14	15	7:30am Breakfast at Golden
	8pm GARS 2m Net 9pm ARES 2m NET	7pm GARS Meeting	9pm GARS ROUND TABLE N			16
17	18	19	20	21	22	7:30am Breakfast at Golden
	8pm GARS 2m Net 9pm ARES 2m NET		9pm GARS ROUND TABLE N			23
24	25	26	27	28	29	7:30am Breakfast at Golden
	8pm GARS 2m Net 9pm ARES 2m NET		9pm GARS ROUND TABLE N			30
31	Aug 1	2	3	4	5	7:30am Breakfast at Golden
	8pm GARS 2m Net 9pm ARES 2m NET	6:30pm GARS Exec Meeting	9pm GARS ROUND TABLE N			6

Events shown in time zone: Eastern Time

[Google Calendar](#)

Find this calendar on our website at: http://www.gars.org/joomla/index.php?option=com_wrapper&view=wrapper&Itemid=57



Metro Testing Sessions

GARS publishes Metro Atlanta VE exam schedules as a service and is not responsible for errors or changes. Call and confirm schedules before going. All sessions are walk-in. Take copies of current license and certificate of completed elements with you to all sessions. Find additional sessions online at <http://www.arrl-ga.org>.

First Sunday, ODD Months

2 p.m. (Jan, Mar, May, Jul, Sep, & Nov)
WCARS VEC
Braselton Public Utility Building
4986 Highway 53, Braselton, GA
Roger Gibson, WB4T
(770) 271-4210 or (770) 712-9560

First Sunday, EVEN Months

2 p.m. (Feb, Apr, Jun, Aug, Oct, Dec)
WCARS VEC
Johnson High School
3305 Poplar Springs Rd, Gainesville, GA
Perry Roper, KO4RD
(770) 536-3056

Second Saturday, ODD Months

ARRL VEC
8:30 a.m.
Stone Mountain Methodist Church
5312 West Mountain St.
Stone Mountain
Bob Varone, W4ETN
(770) 978-3179

Third Saturday

VEC: CA
9 a.m.
Marietta First United Methodist Church
Room 305
56 Whitlock Avenue
Marietta, GA
Larry Huff, WA4CQZ
(707) 955-3171

Third Saturday

VEC: W5YI
3 p.m. (Except December)
Auburn City Hall Council Room
1369 Fourth Avenue
Auburn, GA
Steve Donellan, N5SMD
(404) 520-0368

Third Sunday

W5YI VEC
3 p.m.
Lawrenceville Masonic Lodge
465 S. Perry St.
Lawrenceville, GA 30044
Frank Sauciunas, KF4TQV
(770) 963-5721

(cont. next column)

Ham Exam results for June 2011

We had a total of 10 people come to our testing session at Field Day

8 people passed and 2 failed

5 new Technicians
2 new Generals
1 new Extras

Thanks to the following VE's who were able to come out and help. We could not have done it without you!

David Bruse -	W4DTR
Karen Prescott -	KJ4VQI
Laurence Whited -	WB4FGF
Mark Fehlig -	WA6NGC
Jeff Lee -	AF4JL
David Adanich -	K8WDJ
Bill Cherepy -	WB4WTN
Dozier Griffith -	WA4DEO
James Weathers -	ND4V
Steve Back -	WB2OGY

Thanks & 73,
Dave Bruse (W4DTR).

Fourth Tuesday

ARRL VEC
7 p.m.
United Way Service Center
6279 Fairburn Rd., Douglasville
Jessie Clower, KB4WFK
(770) 942-6466

Fourth Sunday

2:30 p.m. Georgia Tech
VanLeer Elec. Building
Rm. W218, 777 Atlantic Dr.
See www.w4aql.com
Alexander G. Carver
(404) 894-2936
acarver@ece.gatech.edu

Metro Club Meetings

First Tuesday

Kennehoochee ARC
Southern Polytechnic
State University
Meeting begins at 7:30 PM
Talk In 146.880(-)

First Thursday

Atlanta Radio Club
Georgia Red Cross HQ
1955 Monroe Dr., Atlanta
Meeting is at 7:30 PM
Talk In -146.820(-)
N.E. Georgia ARC
Commerce Public Library
Meeting is at 6:30 PM
Talk In - 147.225(+)
PL 123.0

Second Monday

Georgia Tech ARC
Room W218
Van Leer Electrical
Engineering Bldg.
Georgia Tech Campus
Meeting at 7:00 PM

Second Thursday

Alford Memorial Radio Club
Annistown Road Baptist Church
Intersection of Annistown
Rd & Spain Rd
Stone Mountain
Dinner at 6:00 PM
Meeting at 7:30 PM
Talk In - 146.760(-)

Second Saturday

North GA QRP Club
Board Room of The
Shepherd Center at
2020 Peachtree Rd, NW, Atlanta
at 10:00 AM

Third Tuesday

North Fulton Amateur Radio
League
Masonic Lodge
194 Milton Avenue
Alpharetta, Georgia
meeting at 7:30 PM
Talk In - 145.47(-)

For more, go to: <http://www.gars.org/>

GARS
APPAREL ORDER FORM

NAME: _____

PHONE # _____

(To avoid errors, please PRINT legibly)

CALL: _____

NAME TO BE EMBROIDERED: _____

CALL SIGN TO BE EMBROIDERED: _____

ITEM	SIZ E	QUANTITY	PRICE	TOTAL
T-SHIRT				
Red WITHOUT name & call			\$20.00	
White WITHOUT name & call			\$20.00	
Red WITH name & call			\$20.00	
White WITH name & call			\$20.00	
GOLF SHIRT -- WITHOUT name & call				
Red			\$24.00	
White			\$24.00	
GOLF SHIRT -- WITH name & call				
Red			\$28.00	
White			\$28.00	
SWEATSHIRT				
Red WITHOUT name & call			\$30.00	
White WITHOUT name & call			\$30.00	
Red WITH name & call			\$30.00	
White WITH name & call			\$30.00	
LIGHTWEIGHT JACKET -- RED ONLY				
WITHOUT name & call			\$31.00	
WITH name & call			\$35.00	
HEAVYWEIGHT JACKET -- RED ONLY				
WITHOUT name & call			\$41.00	
WITH name & call			\$45.00	
GARS BADGE -- WITH name & call			\$9.00	
HAT -- WITHOUT name & call				
Red			\$9.00	
White			\$9.00	
HAT -- WITH name & call				
Red			\$16.00	
White			\$16.00	

TOTAL ORDER PRICE: _____

Please attach your check made payable to GARS and return to Ralph Pickwick, KJ4CNC or mail to:

GARS

P.O. Box 88

Lilburn, Georgia 30048

NOTE: Please allow at least 4 weeks for delivery of items. Some items may need to be special ordered.
Thanks and 73s! -- Ralph KJ4CNC

GWINNETT AMATEUR RADIO SOCIETY

PO BOX 88

LILBURN, GA 30048



MEMBERSHIP APPLICATION

- NEW MEMBER
- RENEWAL

Name: _____ Call Sign: _____

Address: _____

City: _____ State: _____ Zip: _____

Email: _____

Home Phone: _____ Cell Phone: _____

Work Phone: _____

Date of Birth: ____ / ____ / ____ (mm/dd/yyyy) ARRL Member (circle one): Yes No Life

Interests: _____

Type of Membership

- Individual \$30.00 annually
- Student \$15.00 annually
- Senior \$15.00 annually (over age 65)
- Family ** \$35.00 annually

** Available for immediate family members only

Optional Contributions

Repeater Fund: \$_____

Scholarship Fund: \$_____

Additional Family Members **

Name: _____ Call Sign: _____

Date of Birth: ____ / ____ / ____ (mm/dd/yyyy) ARRL Member (circle one): Yes No Life

Name: _____ Call Sign: _____

Date of Birth: ____ / ____ / ____ (mm/dd/yyyy) ARRL Member (circle one): Yes No Life

I agree to abide by the By-Laws of the Gwinnett Amateur Radio Society and understand that membership is subject to the approval of the Club.

Applicant's Signature: _____ Date: ____ / ____ / ____

FOR OFFICIAL USE ONLY:

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Cash PayPal Check #: _____

Amount Received: \$_____

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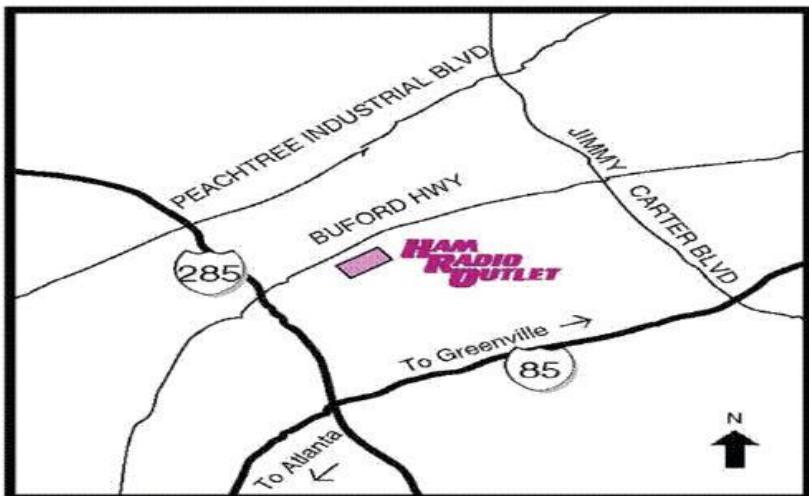
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